

FIG. 1 PRIOR ART

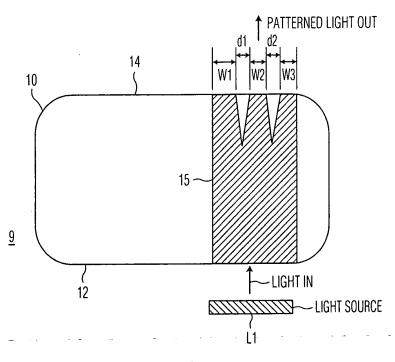


FIG. 2A



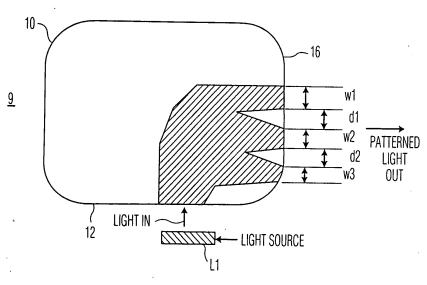


FIG. 2B

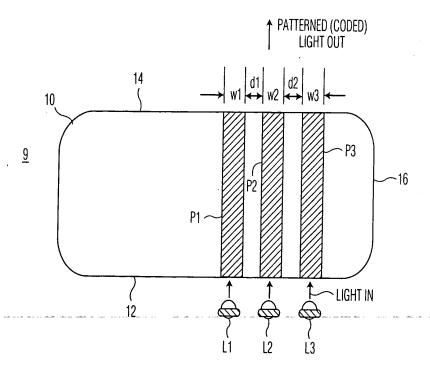
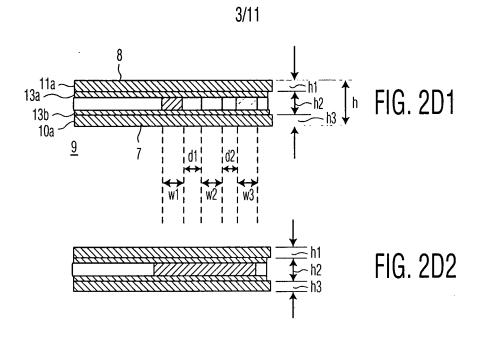


FIG. 2C



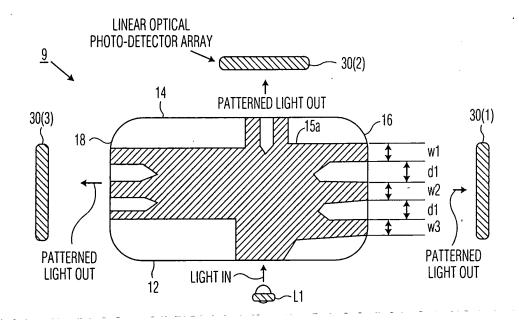
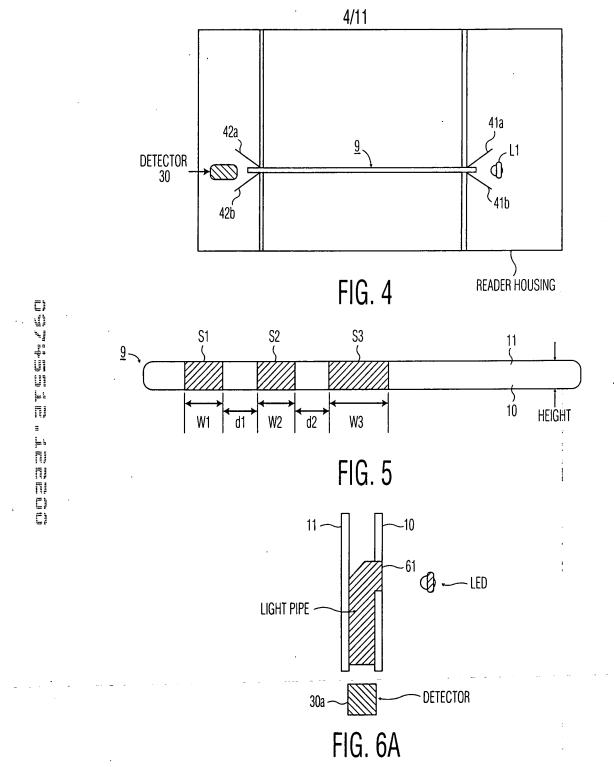
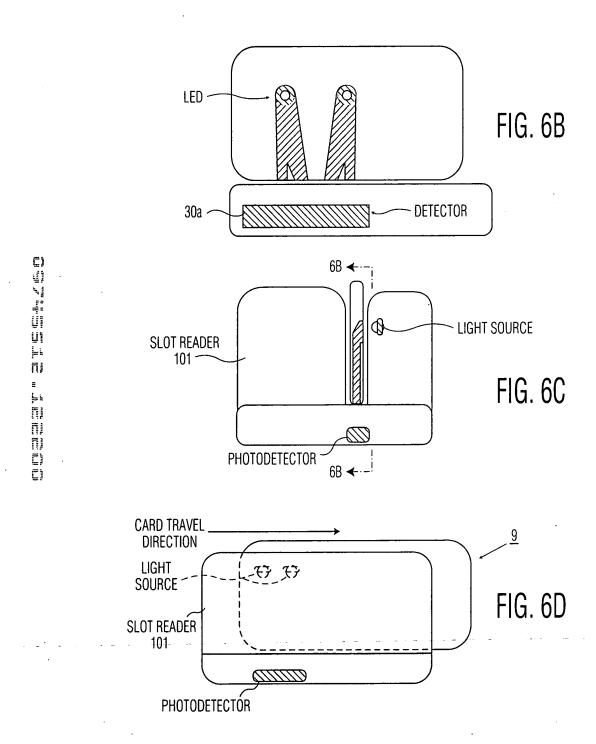
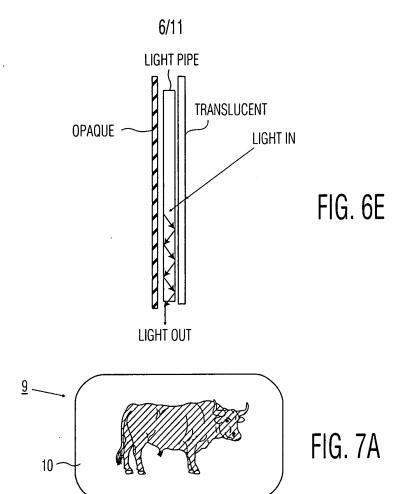


FIG. 3







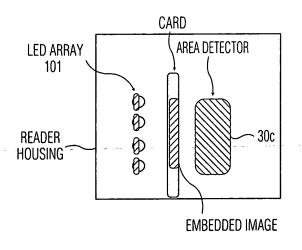


FIG. 7B

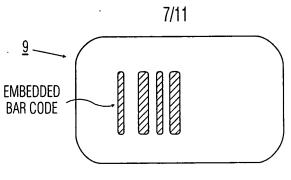


FIG. 8A

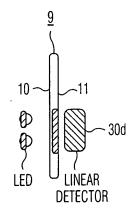


FIG. 8B

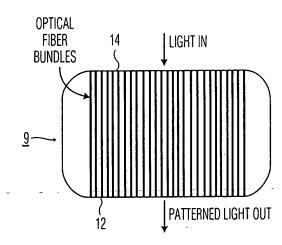


FIG. 9A

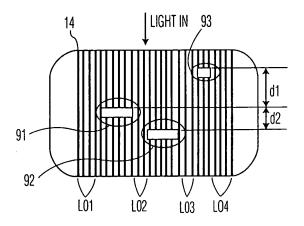


FIG. 9B

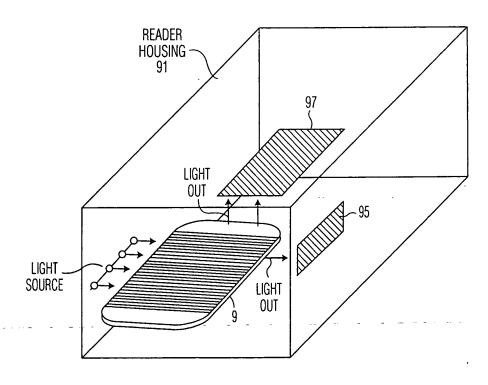
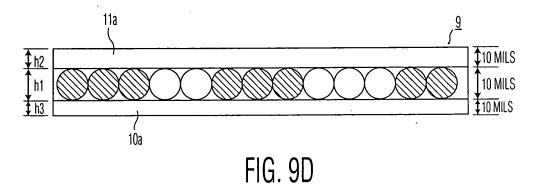


FIG. 9C



RANDOM PLACEMENT OF OPTICAL FIBER STRANDS

.A. E. B... E., L.J L.J

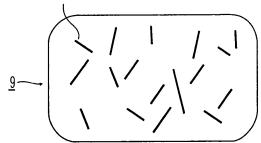


FIG. 10A

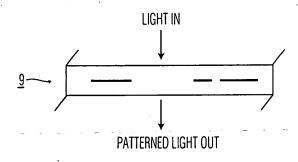


FIG. 10B

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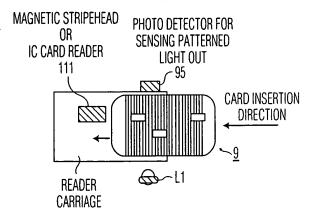


FIG. 11A

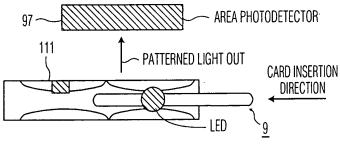


FIG. 11B

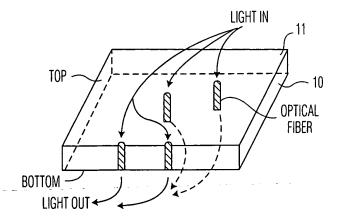
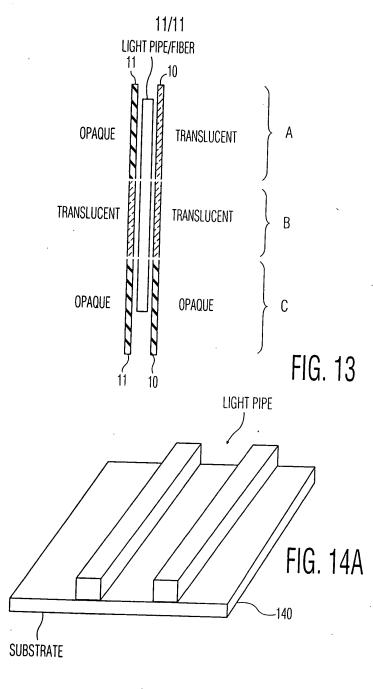


FIG. 12



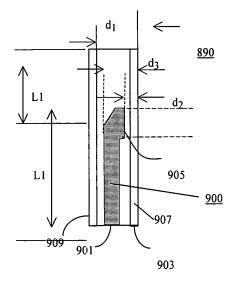
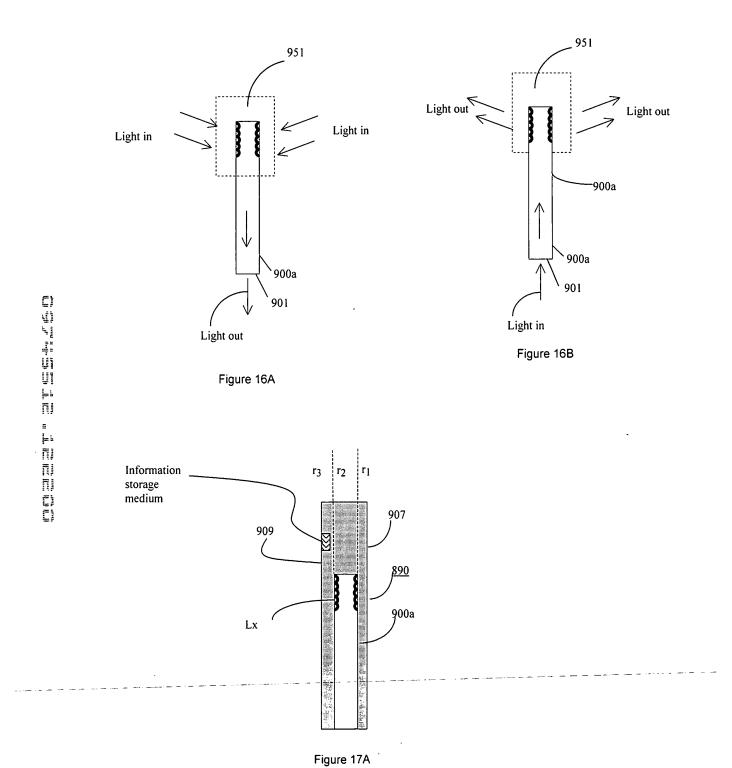


Figure 15



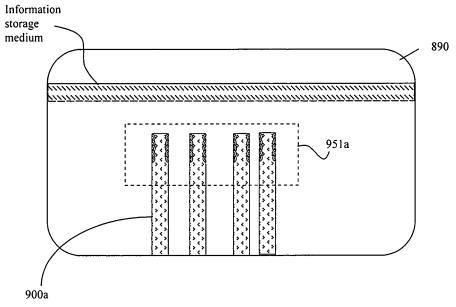


Figure 17B

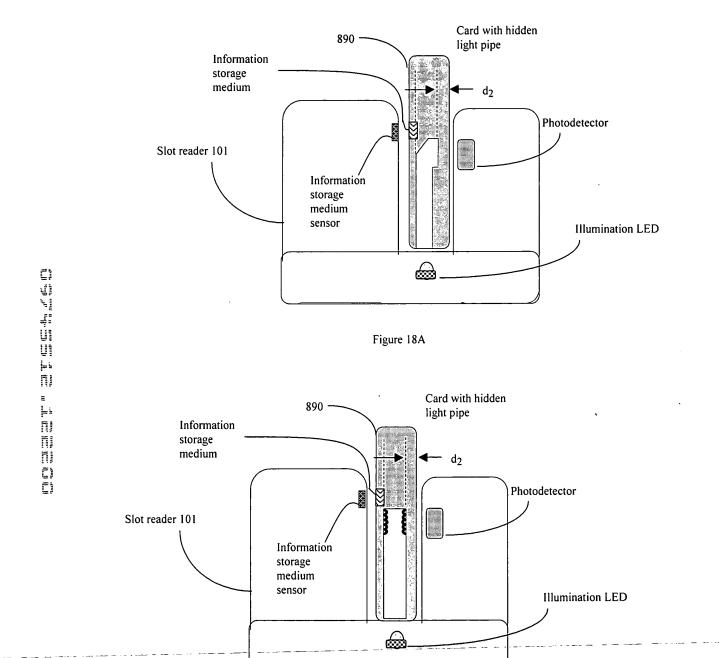
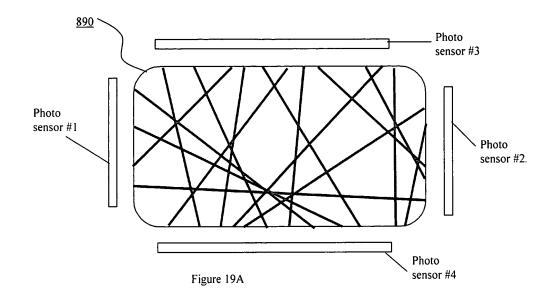
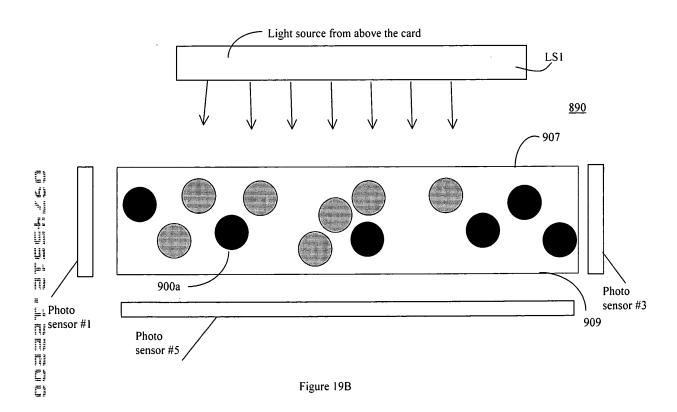


Figure 18B







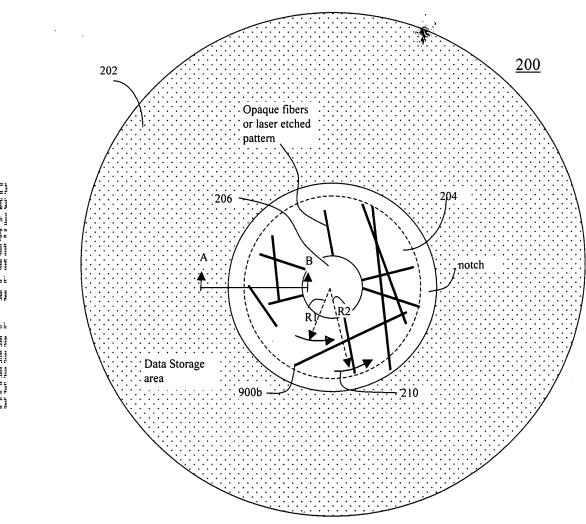


Figure 20A



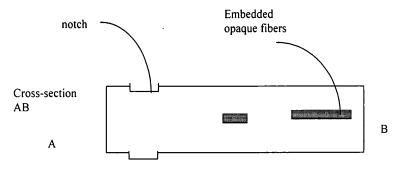


Figure 20B



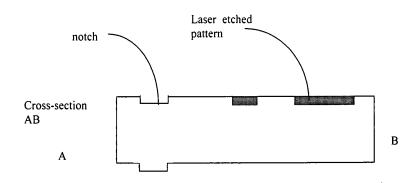
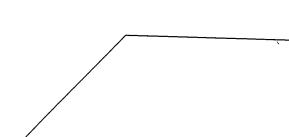


Figure 20C



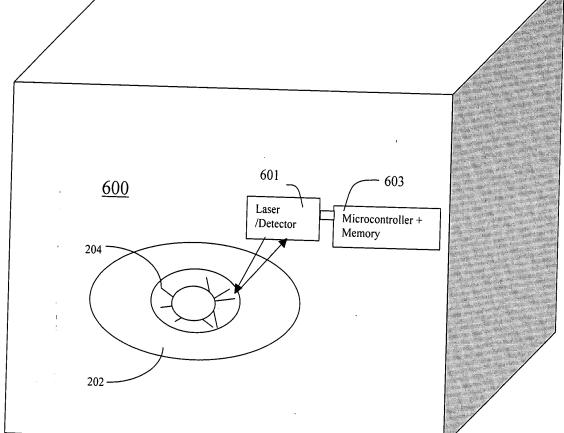


FIGURE 21